

REMARKS

Claims 1-48 are pending. By this Response, claims 1, 4, 6, 9, 17, 20, 22, 25, 33 and 41 are amended and claims 49-60 are cancelled. Reconsideration and allowance based on the above-amendments and following remarks are respectfully requested.

The Office Action rejects claims 1-60 under 35 U.S.C. §102(e) as being anticipated by Novik, et al. (U.S. Patent No. 6,275,957). This rejection is respectfully traversed.

Novik teaches a system for reporting event occurrences within a computer system to event subscribers. The computer system of Novik uses a central repository where both event subscribers and event providers register information that each can access. The event subscriber registers the types or classes of events for which the subscriber requires notification. The event providers register the types or classes of events for which they are capable of detecting and for which they would provide notification. When an event is reported by an event provider, the events are filtered such that they are only reported by the central repository to the subscribers desiring reporting of such an event.

In contrast, the present invention is directed to managing event information within a switch network. Event information is received and broadcasted during a single broadcast to subscribers desiring notification of such event. To accomplish this task in an efficient manner, the present invention utilizes a communication coordinator within each of the plurality of line modules in the switch to control the

sending and receiving of subscriber and publisher information to each line module. A control module is used to register namespaces that can be associated with certain events. The control module matches the events with subscribers and publishers based on a namespace and provides this information to the communication coordinator for simultaneous broadcast to all other communication coordinators within each line module.

Contrary to the claimed invention, Novik is directed to events within a computer. Novik's system is not designed for a network switch as claimed in the present invention. Further, Novik's system utilizes a central repository to control all functions and registrations. Embodiments of the present invention utilize various modules, such as a line module and control module. The components within these modules subscribe to and provide event information simultaneously to various applications within the plurality of line modules in the switch.

Thus, Novik fails to teach each and every feature of the claimed invention. Specifically, Novik fails to teach, *inter alia*, receiving a subscription request within a line module to receive publications made to one or more event names, said subscription request comprising an event expression that includes a namespace that can be correlated to a plurality of different event names; accessing within a control module a set of information pertaining to a publisher . . . and resolving said event expression within said control module to determine whether said particular event name constitutes a match for said event expression, as recited in claim 1.

Also, Novik fails to teach, *inter alia*, receiving within a line module a publication announcement indicating a desire to publish to a particular event name, accessing within a control module a set of information pertaining to a subscriber ... and resolving said event expression within said control module to determine whether said particular event name constitutes a match for said event expression, as recited in claim 9.

Novik also fails to teach, *inter alia*, a communication coordinator for receiving a subscription request within a line module to receive publications made to one or more event names, said subscription request comprising an event expression that includes a namespace that can be correlated to a plurality of different event names, a namespace server for accessing a set of information within a control module pertaining to a publisher...and wherein said namespace server resolves said event expression to determine whether said particular event name constitutes a match for said event expression, as recited in claim 17.

Novik also fails to teach, *inter alia*, a communication coordinator located within a line module for receiving a publication announcement indicating a desire to publish to a particular event name and a namespace server located within a control module for accessing a set of information pertaining to a subscriber...wherein said namespace server said resolves said event expression to determine whether said particular event name constitutes a match for said event expression, as recited in claim 25.

Further, Novik fails to teach, *inter alia*, a computer readable medium, comprising instructions for causing one or more processors within a line module to receive a subscription request to receive publications made to one or more event names ... instructions for causing one or more processors within a control module to access a set of information pertaining to a publisher ...and instructions for causing said one or more processors within said control module to resolve said event expression to determine whether said particular event name constitutes a match for said event expression as recited in claim 33.

Finally, Novik fails to teach, *inter alia*, a computer readable medium comprising instructions for causing one or more processors within a line module to receive a publication announcement indicating a desire to publish to a particular event name, instructions for causing one or more processors within a control module to access a set of information pertaining to a subscriber...and instructions for causing said one or more processors within said control module to resolve said event expression to determine whether particular event name constitutes a match for said event expression, as recited in claim 41.

In view of the above, applicants respectfully submit that Novik fails to teach each and every feature of the claimed invention as required. Accordingly, reconsideration and withdrawal of the rejection of respectfully requested.

Conclusion

For at least reasons, it is respectfully submitted that claims 1-48 are distinguishable over the cited art. Favorable consideration and prompt allowance are earnestly solicited.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Chad J. Billings (Reg. No. 48,917) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment(s)